

Appl. No. 10/805,223

Reply to Office Action of July 18, 2006

AMENDMENTS TO CLAIMS

This listing of claims replaces all prior listings and versions of the claims in this application.

1-12. (Canceled)

13. (Currently amended) A pyrotechnic, gas-generating composition ~~consisting of~~ comprising guanyl urea dinitramide (GUDN); and

an amount of a solid oxidizer to provide an excess of oxygen over said GUDN, wherein said oxidizer comprises an oxide of a metal selected from the group consisting of metals in Groups 7 – 12;

~~a substance that moderates the rate of combustion of said GUDN; and
from 0 to 10 wt% (based on total solids) of a binder.~~

14. (Previously presented) The pyrotechnic, gas-generating composition, according to claim 13, wherein the amount of said solid oxidizer is sufficient to maintain the amount of carbon monoxide generated by combustion of said GUDN below 600 ppm.

15. (Cancelled)

16. (Currently amended) The pyrotechnic, gas-generating composition, according to claim ~~23~~ 13, wherein said moderator comprises metallic boron.

17. (Previously presented) The pyrotechnic, gas-generating composition, according to claim 16, wherein said metallic boron is finely divided and is present in an amount up to 10 wt%.

18. (Previously presented) The pyrotechnic, gas-generating composition, according to claim 16, wherein said metallic boron is finely divided and is present in an amount of from 0.5 to 3 wt%.

Appl. No. 10/805,223
Reply to Office Action of July 18, 2006
19. (Cancelled)

20. (Previously presented) The pyrotechnic, gas-generating composition, according to claim 13, wherein said GUDN is present in an amount from 5-95 wt%.

21. (Previously presented) The pyrotechnic, gas-generating composition, according to claim 13, wherein said solid oxidizer is present in an amount from 5-50 wt%.

22. (Currently amended) The pyrotechnic, gas-generating composition, according to claim 24 13, wherein said composition is pressed into tablet form.

23. (New) The pyrotechnic, gas-generating composition, according to claim 13, further comprising a substance that moderates the rate of combustion of said GUDN.

24. (New) The pyrotechnic, gas-generating composition, according to claim 13, further comprising up to 10 wt% (based on total solids) of a binder.

25. (New) The pyrotechnic, gas-generating composition, according to claim 13, further comprising up to 90 wt% (based on total solids) of guanidine dinitramide (GDN).